

METHOD AND APPARATUS FOR AUTOMATICALLY
LOADING POWDER MATERIAL INTO A MOLD

ABSTRACT OF THE DISCLOSURE

The present invention is a method of loading a desired
5 amount of powder material into a mold which comprises a
tubular body having a bore extending therethrough to define
a mold cavity. The method comprises the steps of: providing
the mold with a lower press core fitted in the lower end of
the bore; bringing the mold with said lower press core
10 fitted therein to a powder filling position; displacing the
lower press core relative to the mold so as to determine the
depth of the top surface of the lower press core from the
top surface of the mold; filling an amount of powder
material into the mold and strickling off any excessive
15 amount of powder material to the level of the top surface of
the mold; pressing at a desired pressure the amount of
powder material in the mold to form a powder compact; and
displacing the powder compact with the lower press core
relative to the mold so as to bring the powder compact to a
20 desired position in the mold.